

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tadaaki Ohgi et al.

Application No.: National Phase of
PCT/JP2005/000974

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: RIBONUCLEIC ACID COMPOUND AND
METHOD OF LIQUID-PHASE SYNTHESIS
OF OLIGONUCLEIC ACID COMPOUND

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information

Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: July 26, 2006

Respectfully submitted,

By

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Substitute for forms 1449A/B/PTO				Complete if Known Application Number: Not Yet Assigned Filing Date: Concurrently Herewith First Named Inventor: Tadaaki Ohgi Art Unit: N/A Examiner Name: Not Yet Assigned Attorney Docket Number: 20855/0205063-USO	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)					
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number-Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	† ⁴
	BA	WO-02/079215-A1	10-10-2002	ISIS PHARMACEUTICALS, INC., et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issues number(s), publisher, city and/or country where published.			† ⁴
	CA	SHIGENORI IWAJ, et al., Large Scale Synthesis of Oligoribonucleotides on a Solid Support: Synthesis of a Catalytic RNA Duplex, Tetrahedron Vol. 46, No. 19, pp. 6673-6688, 1990			
	CB	FRANCISCO MORIS, et al., A Useful and Versatile Procedure for the Acylation of Nucleosides through an Enzymatic Reaction, J. Org. Chem. 1993, Vol. 58, No. 3, pp. 653-660			
	CC	J. H. VAN BOOM, et al., Use of Levulinic Acid in the Protection of Oligonucleotides via the Modified Phosphotriester Method: Synthesis of Decarboxynucleoside U-A-U-A-U-A-U-A-U-A, Tetrahedron Letters No. 52, pp. 4875-4878, 1976			
	CD	J. H. VAN BOOM, et al., Synthesis of Oligonucleotides with Sequences Identical with or Analogous to the 3'-End of 16S Ribosomal RNA of Escherichia Coli: Preparation of U-C-C-U-U-A and A-C-C-U-C-C-U-U-A via the Modified Phosphotriester Method, Tetrahedron Vol. 34, pp. 1999-2007, 1978			
	CE	J. A. J. DEN HARTOG, et al., Synthesis of oligoribonucleotides with sequences identical to the nucleation region of Tobacco Mosaic Virus RNA: preparation of AAG, AAGAAG and AAGAAGUUG via phosphotriester methods, Recueil, Journal of the Royal Netherlands Chemical Society, 100/9, September 1981, pp. 320-330			
	CF	J. A. J. DEN HARTOG, et al., Chemical synthesis of a 5'- and 3'-phosphorylated heptamer sequence of E. coli tRNA ^{Met} : pAGCCUGG(3'/2')p via phosphotriester methods, Recueil, Journal of the Royal Netherlands Chemical Society, 100/7-8, July/August 1981, pp. 275-284			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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